SIKKIM

GOVERNMENT GAZETTE

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GOVERNMENT OF SIKKIM
DEPARTMENT OF MINES AND GEOLOGY
GANGTOK

No. 6/DMG/25-26 **Dated: 25.09.2025**

NOTIFICATION

The Governor of Sikkim is hereby pleased to make the following regulation further to amend the Mines and Geology Regulation 2001, namely:-

Short title and commencement

1. (1). These regulations may be called the Mines and Geology (Amendment) Regulations, 2025.
(2) They Shall come into force on the date of their publication in the Official Gazette.

Amendment of Schedule

2. In the Mines and Geology Regulation, 2001, for the existing "Schedule of Rates" the following SCHEDULE OF RATES shall be substituted, namely: -

SCHEDULE OF RATES

I. RECONNAISSANCE SURVEY

Sl. No.	Subject	Rate in Rs
1	Reconnaissance Geodetic Survey of an area to be surveyed and mapped on a scale of 1:5000 and smaller in semi barren/barren land.	996/ha
2	Reconnaissance Geodetic Survey of an area to besurveyed and mapped on scale of 1:5000 and smaller in thick forest cover	1992/ha
3	Reconnaissance Geodetic Survey of an area to be surveyed and mapped on scale larger than 1:5000 (i.e. 1:2500, 1:2000,1:1000) in semi barren /barren land.	1992/ha
4	Reconnaissance Geodetic Survey of an area to be surveyed and mapped on a scale larger than 1:5000 (i.e. 1:2500, 1:2000, 1:1000) on thick forest cover.	2988/ha

5	Reconnaissance Geodetic Survey of an area to be surveyed and mapped on a scale of 1:500 in either within forest cover of barren/ semi barren land	2988/ha
6	Reconnaissance Geodetic Survey of alignment for new road construction in semi barren/barren land.	5976/ha
7	Reconnaissance Geodetic Survey of alignment for new road construction in thick forest cover.	6972/ha
8	Reconnaissance Geodetic Survey of an area for major projects/ establishment.	2988/ha
9	Reconnaissance Cadastral Survey (boundary survey)	996/ha

II. CONTOUR SURVEY

Sl. No.	Subject	Rate in Rs
10.	Contour surveying of an area larger than 10 hectares on a scale of 1:500 in semi barren/barren land. (N.B. Add 50% of the job cost per hectare if the survey area falls below 10 hectares).	14,342/ha
11.	Contour surveying of an area larger than 10 hectares on a scale of 1:500 in thick forest land (N.B. Add 50% of the job cost per hectare if the survey area falls below 10 hectares).	15,538/ha
12.	Contour surveying of an area larger than 10 hectares ona scale of 1:1000 and 1:2000 in semi barren /barren land (N.B. Add 30% of the job cost per hectare if the survey area falls below 10 hectares)	16,085/ha
13.	Contour surveying of an area larger than 10 hectares ona scale of 1:1000 and 1:2000 either within thick forest cover or urban township or cities (N.B.Add3 0% of the job cost per hectare if the survey area falls below 10 hectares).	17,081/ha
14.	Contour surveying of an area on a scale of 1:5000 and smaller in semi barren /barren land	15,089/ha
15.	Contour surveying of an area on a scale of 1:5000 and smaller in thick forest cover	15,587/ha
16.	Contour Surveying and mapping using LIDAR Drone	5000/ha

III. CADASTRAL SURVEY

Sl. No.	Subject	Rate in Rs
17.	Detail cadastral survey of an area for Demarcating private holdings/ real estates on a scale of 1:2000,1:1000 on rural area with minor jungle clearance etc.	20,916/ha
18	Detail cadastral survey of an area for demarcating private holding/ real estate properties etc. within thick forest/urban township and cities on a scale of 1:2000,1:1000,1:500.	24,651/ha

IV. ROAD ALIGNMENT

Sl. No.	Subject	Rate in Rs
19.	Detail Contour Surveying of 30 meter one either side of road alignment on a scale of 1:500/1:1000 with a contour interval of 1 meter including cutting/ clearance of minor jungle /bushes, detail alignment of road on the proposed site, providing Pegs/Katcha bullies at 20 m interval on both side of the road to be built all complete.	1,49,400/km

V. OTHER PROJECTS

Sl. No.	Subject	Rate in Rs
20.	Transfer of the plans of the major projects on the ground from the pre-planned drawing, providing necessary identification marks on required areas etc. all complete.	49,800/day
21	Short site visits by a survey team involving instrumentation to verify/ study the spot (all expenses included)	49,800/day

REVENUE RECEIPT CHARGES

For the work listed from II to V

Sl. No.	Subject	Rate in Rs
22.	Upto 5 uninterrupted working days.	45,000.00
23.	Upto 10 uninterrupted working days.	81,000.00
24.	Upto 20 uninterrupted working days.	1,57,500.00
25.	Upto 100 uninterrupted working days.	6,75,000.00
26.	For uninterrupted working days beyond 100 days upto 250 days.	6,22,500.00
27.	For uninterrupted working days beyond 250/-days.	22,50,000.00

SAMPLING

Sl. No.	Subject/Nature of work	Unit	Rate in Rupees
28.	Channel sampling in exposed soft rock	(10cmx100cmx10cm)	2241.00
29.	Channel sampling in exposed soft rock	(10cmx100cmx15cm)	2739.00
30.	Channel sampling in buried soft rock	(10cmx100cmx10cm)	2739.00
31	Channel sampling in buried soft rock	(10cmx100cmx15cm)	3237.00
32.	Channel sampling in hard rock out crop	(10cmx100cmx10cm)	2739.00
33.	Channel sampling in hard rock out crop.	(10cmx100cmx15cm)	3237.00
34.	Channel sampling in buried hard rock	(10cmx100cmx10cm)	3237.00
35.	Channel sampling in buried hard rock	(10cmx100cmx15cm)	3735.00
36.	Grab sampling	1nos.	199.00
37.	Augur sampling	1nos.	249.00

PITTING AND TRENCHING AND BACK FILLING

Sl. No.	Subject/Nature of work	Unit	Rate in Rupees
38.	Excavation of pits/trenches in mixed soil to a depth of 150 cms max. and lifting of material all complete (Length & breath depending upon working condition).	Cum	498/cum
39.	Excavation of pits/trenches in mixed soil upto a depth of 300 cms max. and lifting of material all complete (Length & breath depending upon working condition).	Cum	672/cum
40.	Excavation of pits/trenches in mixed soil upto a depth of 400 cms max. and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	996/cum
41	Excavation of pits/trenches in mixed soil upto a depth of 500 cms cum max. and vertical uplift of material all complete (Length & breath cum depending upon working condition).	Cum	1320/cum
42	Excavation of pits/trenches in mixed soil upto a depth of 600 cms max. and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	1992/cum
43	Excavation of 150 cm pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	672/cum
44	Excavation of 300 cms pits/trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	996/cum

45	Excavation of 400 cms pits/trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	1320/cum
46	Excavation of 500 cms pits/trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	1992/cum
47	Excavation of 600 cms pits/trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition)	Cum	2490/cum
48	Back filling of pits/trenches by excavated material	Cum	249/cum

GEOTECHNICAL TESTS

Soil Testing

Sl. No.	Subject	Rate in Rs./sample
49	Particle Size Analysis for determining sand silt and clay percentages (including pipetting)	2822.00
50	Determination of Atterberg's Limits (LL, PL & PI) (LL–or set of 3 tests)	1328.00
51	Laboratory vanes heartest	2988.00
52	Laboratory Permeability test (By Jodhpur Permeameter)	4814.00
53	Swelling Index test	4648.00
54	Particle Specific Gravity	1494.00
55	Optimum moisture content by Proctor Compaction	4814.00
56	Density and moisture content (in-situ)-a Set of 3 tests	1328.00
57	Density and moisture content of disturbed Sample.	2490.00
58	pH of a particular sample by pH meter.	1328.00
59	Direct Shear Test (a test by 3 tests) by any of these methods.	
	i) Unconsolidated undrained (uu) condition	2324.00
	ii) Consolidated undrained (cu) condition	2656.00
	iii) Consolidated undrained (cd) condition	4980.00
60.	Soil triaxial test (a set of least 3 test) by any of these methods.	
	i) Unconsolidated undrained (uu) Condition–without pore pressure	2324.00
	ii) Consolidated undrained (cu) condition	5810.00
	iii) Consolidated drained (cd) condition	5810.00
	iv) Unconsolidated undrained condition–With pore pressure	5810.00
	v) Unconfined compression test (ucc)	5810.00

Rock Testing

Sl. No.	Subject	Rate in Rs./ Sample
61.	Cutting of rock corefaces (one core)	1328.00
62.	Cutting of one rock cube	1992.00
63.	Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces.	8466.00
64.	Tensile Strength of a set of at least 3 Cores including cutting and polishing of faces as per specification.	8466.00
65.	Point Load Strength Index test	1162.00
66.	Modulus of elasticity and Poison's Ratio–a set of 3 samples	5609.00
67.	Determination of Bulk density and void ratio (including cutting & polishing) & water absorption.	3486.00
68.	Determination of specific Gravity.	3486.00

Aggregate Testing

Coarse Aggregate Testing:-

Sl. No.	Subject	Rate in Rs./ Sample
69.	Aggregate impact value (average of a set of 3 test)	5810.00
70.	Soundness loss test (average of a set of 3 tests)	6972.00
71.	Los Angeles Abrasiontest (one set of 3 tests)	5810.00
72.	Crushing Strength (one set of 3 tests).	3818.00
73.	Compressive strength by uniaxial compression testing machine (a set of 3 sets)	7304.00
74.	Compressive strength by Point Load Strength machine after computation (a set of 3 tests).	1162.00
75.	Modulus of elasticity & Poison's ratio.	6142.00
76.	Bulk density & Void ratio	2342.00
77.	Specific Gravity	1494.00
78.	Water absorption	3154.00

Fine Aggregate Testing:-

Sl.No.	Subject	Rate in Rs./Sample
79.	Sieve Analysis and determination of fineness Modulus	2988.00
80	Specific Gravity (particle)	2988.00
81	Mica Content determinations	2988.00
82.	Organic impurities Test	2988.00
	Combined Silt and Clay Content	2988.00

Field Testing:-

Sl.No.	Subject	Rate in Rupees
83.	Collection of undisturbed soil samples with wax sealing etc. by usual method.	2656.00
84.	Sampling by hand augur upto 2 mt. depth–(charge per mts.Calculated).	2988.00
85.	Determination of bearing capacity of soil by Vicks berg Cone-penetrometer.	4150.00
86.(i)	Field Vane Shear test	16,766.00
(ii)	In situ stress determination in underground openings under construction by flat Jack 2 pin method (a set of two tests).	92,462.00

CIVIL WORKS IN GEO ENGINEERING

REMEDIAL MEASURES: -

Sl.No.	Subject	Rate in Rupees.
87.	Retaining Structure	As per PWD, CPWD, GSII & NHPC scheduled rates.
88.	Drainage	
89.	Grouting	
90.	Bio-technical stabilization	
91.	Fitting, fixing of 25mm – dia. Of different length, different rockbolts in all types of rocks including reinforcement of cement grouting for rock bolting all complete.(Cost of rock bolts extra as per prevailing market rates)	Rs. 598/m

CHARGES FOR SERVICES RENDERED BY THE DEPARTMENT OF MINES AND GEOLOGY, GOVT. OF SIKKIM, BEYOND THEIR ACREDITED ACTIVITIES

(To be deposited in State Bank of Sikkim, under the Departmental receipt head)

Sl.No.	Subject	Rate in Rupees
92.	Requisition of detailed geo-technical investigation report available with the department	30% of the total cost involved in conducting the study to be deposited in revenue head.
93.	**Geo-technical studies for a period not exceeding 3 days**	
	a) East District (Gangtok and Pakyong)	45,000.00
	b) West District (Geyzing and Soreng)	54,000.00
	c) North District (Mangan)	54,750.00
	d) South District (Namchi)	51,750.00
94.	**Geo-technical studies for a period not exceeding 5 days**	
	a) East District (Gangtok and Pakyong)	78,750.00
	b) West District (Geyzing and Soreng)	83,250.00
	c) North District (Mangan)	87,750.00
	d) South District (Namchi)	78,750.00
95.	**Geo-technical studies for a period not exceeding 10 days**	
	a) East District (Gangtok and Pakyong)	1,48,500.00
	b) West District (Geyzing and Soreng)	1,57,500.00
	c) North District (Mangan)	1,62,000.00
	d) South District (Namchi)	1,57,500.00
96.	**Revenue Receipt for Muck Dumping and Feasibility report for quarry/minor minerals extraction are as under:**	
	(i) East District (Gangtok and Pakyong).	20,000.00
	(ii) West District (Geyzing and Soreng)	23,000.00
	(iii) North District (Mangan)	23,250.00
	(iv) South District (Namchi)	22,250.00

97.	**Charges for geotechnical and geological investigation including drainage mapping, geo-morphology etc. per km (30mts on both side of proposed road).**	
		Rates in Rupees
	1) East District (Gangtok and Pakyong)	Rs. 29,880/- for 1st km and Rs. 26,020/- for additional kms.
	2) South District (Namchi)	Rs. 34, 860/- for 1st km and Rs. 26, 020/- for additional kms.
	3) West District (Geyzing and Soreng)	Rs. 39, 840/- for 1st km and Rs. 26, 020/- for additional kms.
	4) North District (Mangan)	Rs. 38,595/- for 1st km and Rs. 26, 020/- for additional kms.
98.	Geological and Geotechnical studies on suitability of area for road construction in all parts of Sikkim.	Rs. 59,760/- + requisite fee for as per schedule (Sl. No. 93 to 95) above.

VI. CHEMICAL ANALYSIS:

Sl. No.	Subject	Rate in Rs./ Sample
99.	Quantitative chemical analysis of rock by conventional wet chemical method for SiO_2, Al_2O_3, TiO_2, FeO, Fe_2O_3, MnO, Cr_2O_3, CaO, MgO, Na_2O_3, K_2O_3,P_2O_5, CO_2(+/-), H_2O	15,089.00
100.	Quantitative wet chemical analysis by conventional methods	
	a) First radical	1162.00
	b) Each additional radical except rare earth elements	776.00
	c) Rare earth elements, viz, Ta, Nb, W, Zr, Mo,Cd, V, Li etc	1636.00
101.	Goldor silver analysis (firstassay)	2407.00
102.	Organic matter/carbon analysis	1001.00

VII. WATER ANALYSIS:

Sl. No.	Subject	Rate in Rupees
103.	Partial (pH, conductivity, total hardness, alkalinity, chloride)	1914/sample
104.	Detailed (pH, conductivity, total hardness, Alkalinity, Carbonate, Biocarbonate, T.D.S., Nitrate, Sulphate, Chloride, Iron, Calcium, Magnesium, Sodium, Potassium, Boron, Fluoride.	7229/sample
105.	(a) Coliform count, Presence or absence test in the Laboratory	747/sample
	(b) Sample collection within East District and test for Coliform presence, or absence and count.	
	(i) First sample	1618/sample

	(ii) Each subsequent sample	901/sample
	(c) Sample collection within West District and test for Coliform presence or absence and count	
	(i) First sample	2183/sample
	(ii) Each subsequent sample	901/sample
	(d) Sample collection within North District and test for Coliform presence or absence and count.	
	(i) First sample	2764/sample
	(ii) Each subsequent sample	901/sample
	(e) Sample collection within South District and test for Coliform presence or absence and count.	
	(i) First Sample	1897/sample
	(ii) Each subsequent sample	901/sample

DIAMOND CORED RILLING (Preparation)

Sl. No.	Subject	Rate in Rupees
106.	Dismantling of Drilling Machineall complete.	8817.00
107.	Assembly of Drill Machine all complete.	15,438.00
108.	Carriage of Machine parts in Hilly Terrain other than vehicular transport.	4.98, kg/100 mts
109.	Transportation cost for vehicular transport.	As per SNT rate
110.	Construction of Platform all complete.	19,920.00
111.	Laying of temporary water supply pipeline and construction of temporary (2mx1mx0.5m) Water tank with concrete.	5,976.00

RATE OF DIAMOND CORED RILLING PER METER.

Sl. No.	Subject	Rate in Rupees
112.	Cost of diamond core drilling per meter in soft rock formation upto a depth of 40 meters all complete.	6549+72 lts of HSD under prevailing market rates.
113.	Cost of diamond core drilling per meter in soft rock formation between 40 mts to 60 mts. all complete	8118+58 lts of HSD under prevailing market rates.
114.	Cost of diamond core drilling per meter in medium soft rock formation between 40mts to 60mts. all complete	9760+70 lts of HSD under prevailing market rates.
115.	Cost of diamond core drilling per meter in medium rockformation between 40 mts to 60 mts. all complete	11,703+84 lts of HSD under prevailing market rates.

116.	Cost of diamond core drilling per meter in medium hard rock formation upto a depth of 40mts. all complete.	7197+72 lts of HSD under prevailing market rates
117.	Cost of diamond core drilling per meter in medium hard rock formation between 40mts to 60mts. all complete.	8690+64 lts of HSD under prevailing market rates.
118.	Cost of diamond core drilling per meter in medium hard rock formation beyond 60mts. All complete.	23,654
119.	Cost of diamond core drilling per meter in medium hard rock formation beyond 60 mts. All complete.	23,654
120.	Cost of diamond core drilling per meter in hard rockformation upto 40 mts all complete.	8417+ 58lts of HSD under prevailing market rates.
121.	Cost of diamond core drilling per meter in hard rock formation upto 40 to 60 mts. all complete.	9836+71 lts of HSD under prevailing market rates.
122.	Cost of diamond core drilling per meter in hard and oft rock formation beyond 60 mts. All complete.	23,654 per meter.
123.	Borehole Logging/perhole	19,920+ required P.oil for visiting official.

Charges for service rendered to public for issue of stability/report for construction of residential building

Sl. No.	Place/Location.	Rate in Rupees
	(A).	
124.	Gangtok and suburb	
125.	Singtam, Rangpo, Pakyong, Kabi, Phodong	Notified Nagar Panchayat and Municipal Area- Rs.3500.00
126.	Rhenock, Dikchu	
127.	Rongli, Jorethang, Nayabazar, Namchi, Ravangla, Mangan.	
128.	Soreng, Sombarai, Gyalzing, Tashiding, Chungthang, Dzongu.	
129.	Hilley, Kaluk, Dentam, Uttaray, Lachen-Lachung.	Rural Area – Rs.3000.00
(B).	Name Transfer of Stability Report	1500.00
130.	Geological /Geotechnical studies of road alignment in different parts of state.	33,200/km
131.	Monitoring of dumping site/newly constructed road alignment per km/per site.	15,000/-per site

RATE OF GEOLOGICAL GEOTECHNICAL AND GEO-PHYSICAL INVESTIGATION.

Sl. No.	Place/Location.	Rate in Rupees
132.	Geological/Geotechnical mapping over one hectare of area with rock exposures and semi barren land. Gangtok and suburb.	2988/ha
133.	Geological/Geotechnical mapping over one hectare of area with few rocks exposures with moderate to thick soil overburden	3486/ha
134.	Geological/Geotechnical mapping over one hectare of area in thick jungle with few rocks exposer	3984/ha
135.	Deep resistivity method (Four soundings with AB/2 =3-10 kms) (40 soundings)	19,14,976.00
136.	Electrical resistivity survey (20-50 soundings)	17,69,726.00
137.	Seismic Survey (150 Stations)	18,74,638.00
138.	GPR (Ground penetrating radar) studies per 20m unit length.	19,780/- per unit length.

GIS (Geographical Information Laboratory) Charges for data compilation at GIS laboratory.

Scanning of Maps, Diagrams etc. (one hardcopy included)

Sl. No.	SIZE & TYPE	Amount in Rupees
139.	A4:Color	900.00
	BW	600.00
140.	A3:Color	900.00
	BW	600.00
141.	A2:Color	1200.00
	BW	900.00
142.	A1:Color	1800.00
	BW	1500.00
143.	A0:Color	3000.00
	BW	1400.00

Digitization and editing (including one draft and one hardcopy).

Sl. No.	SIZE & TYPE	Amount in Rupees
144.	A4: Point	3000.00
	Line	4200.00
	Polygon	6300.00

145.	A3: Point	5850.00
	Line	6150.00
	Polygon	7950.00
146.	A2: Point	10,800.00
	Line	12,000.00
	Polygon	15,600.00
147.	A1: Point	19,950.00
	Line	20,700.00
	Polygon	27,450.00
148.	A0: Point	28,800.00
	Line	30,000.00
	Polygon	39,450.00

Scanning, Editing & Processing a column of black & white map to produce color hardcopy complete withall annotation and leg end (Using GIS software Arc View).

Sl. No.	SIZE & TYPE	Amount in Rupees
149.	A4: Simple	4945.00
	Moderately complicated	8682.00
	Complicated	17,192.00
150.	A3:Simple	6785.00
	Moderately complicated	11,327.00
	Complicated	19,895.00
151.	A2: Simple	10,637.00
	Moderately complicated	14,375.00
	Complicated	28,520.00
152.	A1: Simple	21,217.00
	Moderately complicated	30,590.00
	Complicated	40,882.00
153.	A0: Simple	33,867.00
	Moderately complicated	42,205.00
	Complicated	56,752.00

By order and in the name of the Governor.

Dicky Yangzom, IAS
Secretary
Department of Mines and Geology